

*ABSTRACT AMENDMENT*

Replace the Abstract with:

An inductor of the invention has a laminated structure in which an insulating layer and a wiring layer are laminated alternately on a semiconductor substrate. The laminated structure includes at least two wiring layers and an insulating layer interposed between them. A first wiring layer has a first winding part and a second winding part ~~wound around on~~ in the same plane, ~~which are disposed adjacently to~~ adjacent each other, and wound. A second wiring layer has a wiring part having a single path from one terminal ~~thereof~~ to the other. The first and second winding parts are electrically connected to the wiring part. When a voltage is applied between one terminal of the first winding part and one terminal of the second winding part, currents flow in the first and second winding parts ~~are in the~~ opposite directions.